

[NETWORKED FINGERPRINT AUTHENTICATION SYSTEM AND METHOD]

Abstract

Disclosed are network fingerprint system and methods that eliminate the ratio requirement of one fingerprint sensor connected to one computer or equivalents thereof in processor and memory.

The network fingerprint sensor system takes captured fingerprint image data, or fingerprint template data, and transmits the fingerprint data via TCP/IP or other network protocol to a centralized authentication server. The authentication server authenticates and verifies the received fingerprint data with an internal fingerprint database stored in the server. This implementation allows for one fingerprint authentication server to simultaneously control, optimize, obtain fingerprint data, analyze fingerprint data, authenticate, and verify fingerprint data from multiple network fingerprint sensors simultaneously.